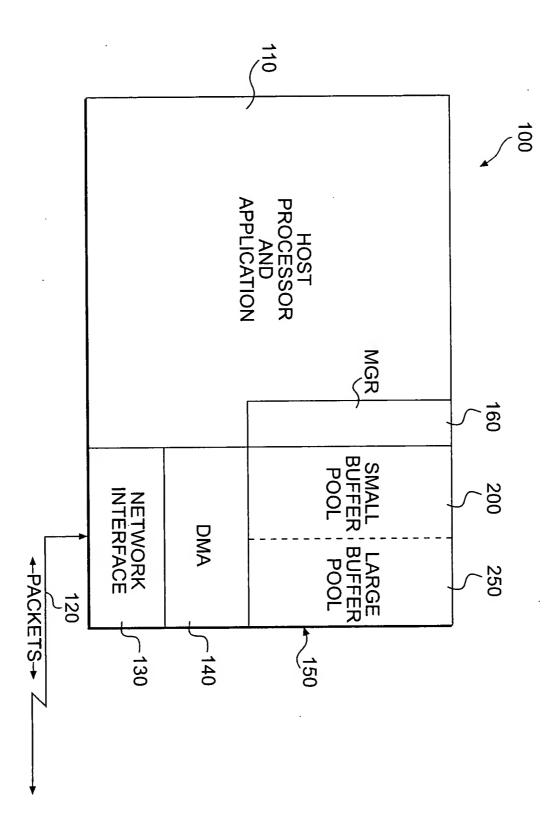Application No.10/604,295          Confirmation No. 1294
Applicant:: Christos John GEOGIOU et al.     Attorney Docket No. P27310
Title: METHOD AND SYSTEM OF DATA TRANSFER FOR EFFICIENT
MEMORY UTILIZATION
Responsive to Official Communication dated: November 13, 2003
                    **REPLACEMENT  SHEET**

*FIG. 1*

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**REPLACEMENT  SHEET**

200

| | |
|---|---|
| 1 | F |
| 2 | F |
| 3 | 0 |
| 4 | 0 |
| 5 | 0 |
| 6 | F |
| 7 | 0 |
| 8 | F |
| 9 | F |
| 10 | 0 |
| 11 | F |
| 12 | F |
| 13 | 0 |
| 14 | 0 |
| 15 | 0 |
| 16 | F |

210a

210b

230

*FIG. 2A*

250

260

| | |
|---|---|
| 1 | F |
| 2 | 0 |
| 3 | 0 |

270a

270b

270b

*FIG. 2B*

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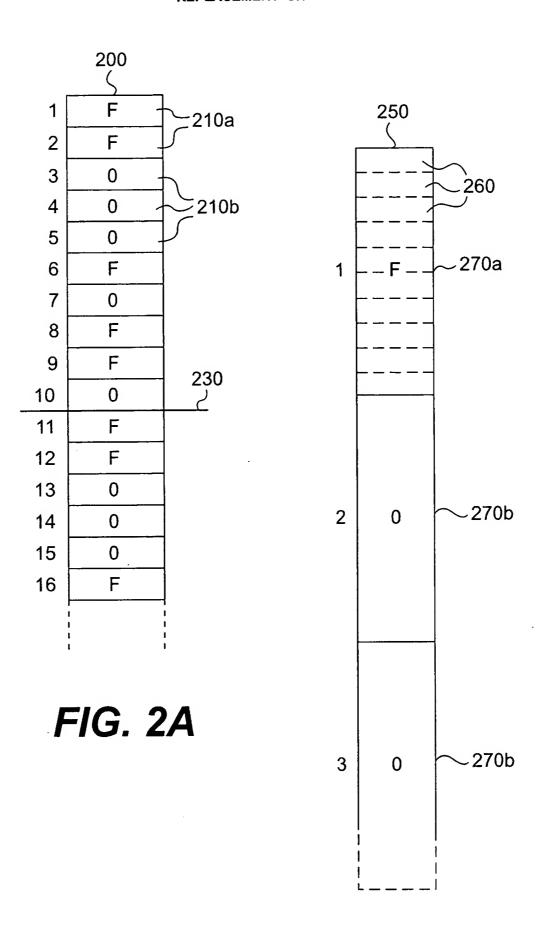                    **REPLACEMENT SHEET**

280

| | |
|---|---|
| 1 | 2 |
| 2 | 6 |
| 3 | 0 |
| 4 | 0 |
| 5 | 0 |
| 6 | 8 |
| 7 | 0 |
| 8 | 9 |
| 9 | 11 |
| 10 | 0 |
| 11 | 12 |
| 12 | 16 |
| 13 | 0 |
| 14 | 0 |
| 15 | 0 |
| 16 | NULL |

1    287 FIRST FREE
     BUFFER POINTER

8    289 FREE
     BUFFER
     COUNTER

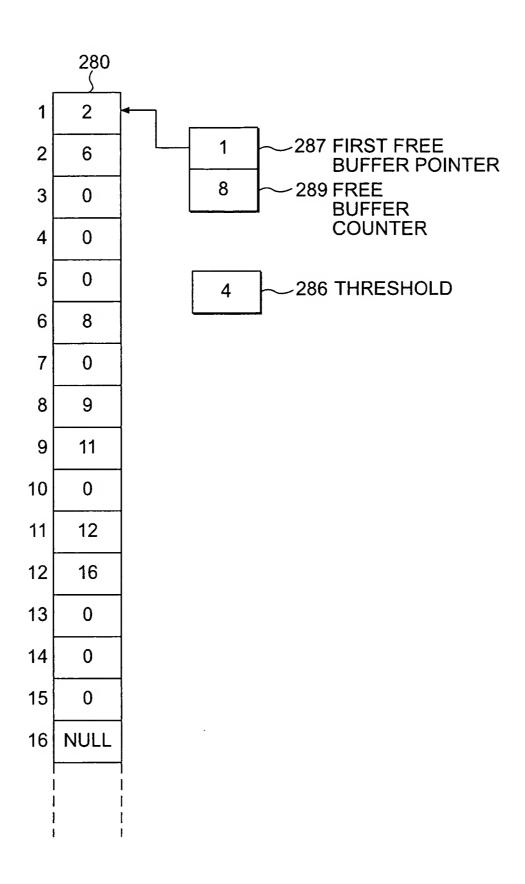4    286 THRESHOLD

# FIG. 3

Application No.10/604,295                Confirmation No. 1294
Applicant:: Christos John GEOGIOU et al.     Attorney Docket No. P27310
Title: METHOD AND SYSTEM OF DATA TRANSFER FOR EFFICIENT
MEMORY UTILIZATION
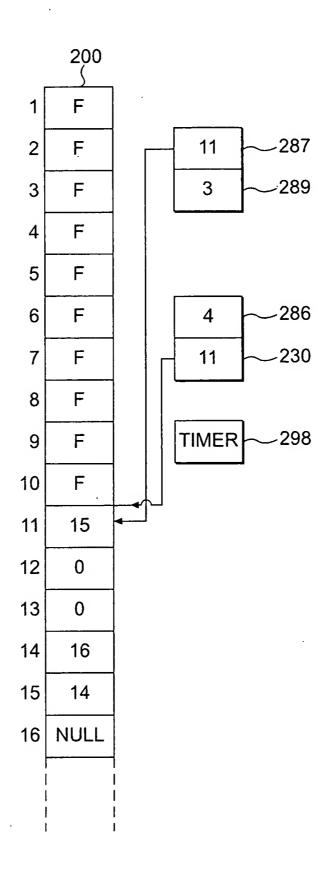Responsive to Official Communication dated: November 13, 2003
**REPLACEMENT SHEET**

200

| | |
|---|---|
| 1 | F |
| 2 | F |
| 3 | F |
| 4 | F |
| 5 | F |
| 6 | F |
| 7 | F |
| 8 | F |
| 9 | F |
| 10 | F |
| 11 | 15 |
| 12 | 0 |
| 13 | 0 |
| 14 | 16 |
| 15 | 14 |
| 16 | NULL |

| | |
|---|---|
| 11 | ~287 |
| 3 | ~289 |

| | |
|---|---|
| 4 | ~286 |
| 11 | ~230 |

TIMER ~298

*FIG. 4*